November 4, 2005

PATENT APPLICATION DOCKET NO.: 2316.2009-000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Mary Jane Cardosa, Gerd Sutter and Volker Erfle

Application No.:

10/786,380

Group Art Unit: 1642

Filed:

February 24, 2004

Examiner: Not Yet Assigned

Confirmation No.:

3579

Title: Recombinant MVA Virus Expressing Dengue Virus Antigens and the Use Thereof in Vaccines

CERTIFICATE OF MAILING OR TRANSMISSION I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Tradflark Office on: Date Signature Signature			
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INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

(Filed after payment of issue fee)

Sir:	
This I	nformation Disclosure Statement is submitted: under 37 CFR 1.129(a), or (First/Second submission after Final Rejection)
[X]	under 37 CFR 1.97(b), or (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
[]	under 37 CFR 1.97(c) together with either: [] a Statement under 37 CFR 1.97(e), as checked below, or [] a \$180.00 fee under 37 CFR 1.17(p), or (After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
[]	under 37 CFR 1.97(d) together with: [] a Statement under 37 CFR 1.97(e), as checked below, and [] a \$180.00 fee under 37 CFR 1.17(p), or (Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
[]	under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application file.

Statement Under 37 CFR 1.97(e) Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. Statement Under 37 CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000 Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement. [X]Enclosed herewith is form PTO-1449: [X]Copies of the cited references are enclosed (B1-B10 and C1-C44). Copies of issued U.S. patents and published U.S. applications are not required and [X]are not being provided. Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.] [] The listed references were cited in the enclosed International Search Report in a counterpart foreign application. [X]The "concise explanation" requirement (non-English references) for references B1, B4, C23, C24 and C34 under 37 CFR 1.98(a)(3) is satisfied by: the explanation provided on the attached sheet. the explanation provided in the Specification. [] submission of the enclosed International Search Report. submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action. [X]the enclosed/attached English language abstract.

[XX]	Appli	cant requests that the following non-published pending applications be considered:
Examiner Initials	's	U.S. Patent Application No. 09/532,976, by Ingo Drexler, et al., filed March 22,
		2000, Docket No.: 2316.2001-000 (ABANDONED).
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		Examiner Date
	[X]	A copy of each above-cited application, including the current claims, is enclosed, except any application filed on or after June 30, 2003, which has been scanned into the PTO's Image File Wrapper (IFW) system and is available to the examiner.
	[]	A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.
		r is requested to return a copy of the above list of pending applications indicating which re considered with the next office communication.
It is re	quested	that the information disclosed herein be made of record in this application.
Metho	od of pa	yment:
[]		ck for the fee noted above is enclosed, or the fee has been included in the check with the panying Reply. A copy of this Statement is enclosed.
[]	Please	charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is sed.
[X]	Please	charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.
		Respectfully submitted,
		HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
		Anne J. Collins Registration No.: 40,564 Telephone: (978) 341-0036 Facsimile: (978) 341-0136

Conkord, MA 01742-9133
Dated: MM 01742-9133



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PTO-1449 REPRODUCED	ATTORNEY DOCKET NO. 2316.2009-000		LICATION NO. 786,380	
INFORMATION DISCLOSURE STATEMENT NOV 07 2005 November 4, 2005 (Use several sheets if necessary)	FIRST NAMED INVENTOR Mary Jane Cardosa		FILING DATE February 24, 2004	
	EXAMINER Not Yet Assigned	CONFI 3579	IRMATION NO.	GROUP 1642
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U.S. PATENT DOCUMENTS						
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT		
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	A2	5,221,601	06-22-1993	Montagnier, et al.		
	А3	5,514,375	05-07-1996	Paoletti et al.		
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	A7	5,744,141	04-28-1998	Paoletti et al.		
	A8	6,440,422 B1	08-27-2002	Sutter, Gerd		
	A9	US-2003-0035792-A1	02-20-2003	Sutter, Gerd		
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FOREIGN PATENT DOCUMENTS							
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANS YES	TRANSLATION YES NO		
	BI	CH 568 392	10-31-1975	Bayern Freistaat		X	
	B2	EP 0 110 385 B1	02-17-1993	The United States of America			
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	B4	EP 0 324 350 A1	07-19-1989	F. Hoffmann-La Roche AG		X	
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	В6	WO 92/03545 A1 (Corrected Version)	03-05-1992	Virogenetics Corp (US)			
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	В8	WO 97/44447 A2	11-27-1997	President and Fellows of Harvard College (US)			
	В9	WO 98/13500 A2	04-02-1998	Bavarian Nordic Research Institute A/S, et al.	i i		
	B10	WO 99/15692 A2	04-01-1999	Bavarian Nordic Research Institute A/S, et al.			
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C37	Sutter, G., et al., "Non-Replicating Vaccinia Vector Efficiently Expresses Bacteriophage T7 RNA Polymerase," FEBS Letters 371:9-12 (1995).
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C39	Svrivastava, et al., "Mice Immunized with a Dengue Type 2 Virus E and NS1 Fusion Protein Made in Escherichia coli are Protected Against Lethal Dengue Virus Infection," Vaccine 13:1251 (1995).
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C43	Zhao, et al., "Cloning Full-Length Dengue Type 4 Viral DNA Sequences: Analysis of Gene Coding for Structural Proteins," Virology 155:77-88 (1986).
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